

GREGORY S. BELL

Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining JOHN R. BAZA

Division Director

Minerals Inspection Report

Reviewed

	Repor	t Date: //14/2014			
Mine Name: Antelope Quarry		Permit Number: S/03	9/0018	Mine Status:	Reclaimed
Operator Name: Bown Stone Products Inc.		Inspection Date: 06/1	7/2014	Permit Fees:	No Fee Req.
Inspector(s): Peter Brinton		Inspection Time: 1:30pm	- 2:15pm	Bond Amount:	\$18,600
Attendee(s): none		Weather: overca	st, warm	Bond Escalation:	n/a
Inspection Purpose: Operator requested bond release				Prior Inspection:	04/03/2014
Grad	clusions and Recommendations ling work is acceptable, and a release of reclamation s ld be retained to cover revegetation.	surety associated with earthwork is	appropriate.	Part of the reclamati	ion surety
—	Elements of Insp	ection	Evalu	ated & Commented	Enforcement
1.	Permits, Revisions, Transfer, Bonds				
	Based on regrading work, it is recommended that the	e bond be reduced, and the permit	status change		
2.	Public Safety (shafts, adits, trash, signs, highwalls)			\boxtimes	
	Outslopes in both quarry areas are steep and still sor Adjacent natural slopes are steep, with relatively mi		conditions a	ffecting public safety	exist.
3.	Protection of Drainages/Erosion Control			\boxtimes	
4.	beginning of the access road have been removed, an Deleterious Material None	d the natural channel re-establishe	d		
	None.				
5.	Roads (maintenance, surfacing, dust control, safety)				
6.	Reclamation				Ц
7.	Backfilling/Grading (trenches, pits, roads, highwall				
	Quarry areas were acceptably backfilled, and the op blocks of stone remain exposed or on top of the natu which could have been more completely filled with surface of the site would have had significant amoun will be similar to that of the pre-mining land use, an been graded, and the roads on the top of the hill bety	aral ground surface in some parts, a nearby graded rock piles that rise a nts of exposed stone prior to minin d, in this case, it was decided that	and a depress above the nat g, and the po no additional	ion in the northeast q ural surface. Howev st-mining land use of	uarry was left er, the natural the graded site
8.	Soils			\boxtimes	
9.	Along the hill crest and adjacent to the quarry, soils some other plants grow only in cracks in the limestoreportedly were naturally deposited in a gap between some areas, significant broken rock remains uncover be significantly different from that of adjacent undis before beneficial species will be established. Revegetation	one. As part of reclamation in the part of reclamation in the part of the crest were excavared, and revegetation may be more	parts of the notated and spread difficult. The	orthwest disturbance, ead to help cover the ne post-mining land u	soils that graded rock. In se should not
9.	No species recommended for seeding were observed	1 Dradominantly woody species of	re growing or		led halogetan
	Russian thistle, and cheatgrass. The undisturbed are	eas surrounding the disturbances is			



10.	Other	
	Practically all of the trash and debris have been removed.	E-E Sept.

Inspector's Signature:

CC: John Blake, SITLA (jblake@utah.gov)
Jerome Bown, Bown Stone Products Inc. (jerrybown@hotmail.com)
Matt Bown, Bown Stone Products Inc. (rocknstone23@yahoo.com)

File: /nrwogmfs1/OGM/GROUPS/MINERALS/WP/M039-Sanpete/S0390018-Antelope/inspections/INSP-06172014.pdf



Mine: S/039/0018 Inspected: 06/17/2014



Northeast quarry, looking south from the nearby community pit. Note the rock piles and fallen rock.



Re-established drainage (left) at the site entrance, and the graded, weedy access road on the right.



Section of contoured access road with first year's weed growth.



Graded access road with cheatgrass and other weeds across the hilltop between the southwest and northeast disturbances.



Mine: S/039/0018 Inspected: 06/17/2014



Regraded disturbance along the southwest crest of the hill, looking northwest. Note the rocky slopes and rock outcrop that would be characteristic of pre-mining conditions. Photo was from the July 3, 2013 inspection. Stitched photo.



Roughened road connecting the small northeast site with the larger. Photo was from the July 3, 2013 inspection.



Conditions adjacent to the northwest end of the northeast disturbance, looking off the crest to the northwest. Note the exposed limestone bed at the surface with no soil.



Inspected: 06/17/2014



Rocky graded area looking northwest along the northeast crest of the hill. Note the significant rock with some fines. The depression is to the rear of the stitched photo, and some of the foreground material could have been pushed into the depression more.



Graded area primarily covered with soils and weeds looking southeast along the northeast crest of the hill. Stitched photo.

